

INSTALLATION ENGINEERING

I. INSTRUMENT

A. Name Auto 4x5 Chip Processor
 B. Manufacturer [REDACTED]
 C. Contract Number [REDACTED] STATINTL

II. PHYSICAL FEATURES

A. Number of Component Parts _____
 B. Dimensions of the Largest Component Part:
 Length _____ Ft. _____ In. Height _____ Ft. _____ In.
 Width _____ Ft. _____ In.
 C. Weight of Largest Component Part _____
 D. Total Weight of Instrument _____
 E. Overall Dimensions Assembled:
 Length 8 Ft. 0 In. Height 5 Ft. 7 In.
 Width 3 Ft. 0 In.
 F. Type of Base of Mount:
 Flat _____ Three Point Suspension _____ Four Point Suspension X
 G. Does Instrument have built-in mobility? No
 H. Is the instrument particularly sensitive to vibration? Yes ? - Normal
 I. Are any special or unusual tools or fixtures necessary or advisable
 for the installation or maintenance of this equipment? No

III. UTILITIES

A. Electrical: AC DC
 Voltage 220 Volts + _____ Volts _____
 Current 40 Amps _____
 Frequency 60 cps _____
 Nr. of phases Single _____
 Nr. of wires 3 + ground _____
 Power required by
 equipment _____ Watts _____ Watts
 Type of outlet required: Two Prong _____, Three Prong plus grounded
 Twist Lock _____, Permanent Installation _____ shell

Should the equipment be shielded, either from external electro-
 magnetic signals, or to prevent interference with other equipment?

Declass Review by NIMA/DOD

B. Air Conditioning:

Room temperature 72° Humidity Normal
 Output of Instrument ? BTU/Hr.

If air must be filtered, what is maximum permissible particle size
 in microns? Normal Lab Conditions What particle count? _____
 particles per cubic foot.

Direct connection to instrument? Yes _____ No _____
 If yes to above, what is the desired air temperature to instrument? _____

Should discharged air be ducted separately? Yes

Is discharged air noxious? No toxic? No

Connector size to instrument _____

C. Plumbing:

Is water required for the instrument? Yes X No _____

Water pressure Normal Flow in GPM _____

Type of water desired:

Tap _____ °F + _____ °F

Tempered _____ °F + _____ °F

Deionized _____ °F + _____ °F

Filtered 78 °F + 2 °F Particle size and count per
 unit volume. 10 Microns

Type of pipe required:

Galvanized _____ Copper X

Stainless Steel _____ Plastic _____

Is floor drain required? Yes X No _____

Diameter of drain 4" Galvanized drain _____

Plastic drain _____ Glass drain _____

D. Compressed Air:

Diameter of connectors N.A. Type of connectors _____

PSI _____ Water free? _____

CFM _____ Oil free? _____

E. Vacuum:

Is vacuum required? Yes _____ No _____

Vacuum required No PSIA or _____ (inches) (milli-
 meters) of Hg

Displacement _____ CFM _____

IV. REMARKS

In the event additional space is required for environmental conditions
 or utilities not mentioned above, use the reverse side of this form.

20" work space required above instrument

36" work space required on each side & end.